Designed with our Customer in Mind

Satake, as a total food engineering company, introduces its unique technologies into the new Paddy Husker HR10FT-T. It achieves the highest levels of performance and functionality.

FEATURES and BENEFITS:

1. Feeder
The vibratory feeder, proved in the color sorter, is introduced. It simultaneously provides smooth, consistent and high throughput. It is equipped with a feeder volume control which can vary the flow rate in a continuous linear manner.

2. Chute
The new chute is designed to be automatically controlled in the best orientation. It maintains the paddy on the chute in a uniform and consistent stream. Compared with others it offers improved husking efficiency and recovery.

3. Belt Drive
The double sided toothed belt, as proved on the Rollermill, is introduced. The new belt drive enables a simpler routing which extends the belt life. It also improves husking efficiency by eliminating slipping losses.

4. Aspirator
The wide body and adjustable distribution valve further improves the capacity and efficiency. The outlet for immature grain is eliminated because of the excellent separation of rice from husk.

5. Concept
Functionality and maintainability have been considered. We have introduced a step and a retainer for rolls and tools for ease of roll replacement. There are inspection windows both in front and rear of the Aspirator. Removable inspection covers on both the right and left side of the aspirator body assist easy maintenance.
And more

Capacitance Level Sensor
Space efficient and accurate.

Motor Mounting
A simple tension pulley provides sufficient adjustment thus eliminating the motor base angle adjustment.

Dust Exhaust
The air flow is redesigned to assist the smooth feeding of paddy to the rolls.

Husker Position
Relocated back to the center of the Aspirator for even and stable distribution of husked rice.

Inspection Cover
Removable for maintenance. Light in weight for the operators' convenience.

Acrylic Drive Cover
Totally enclosed but observable. The new cover is superior in strength.

Geared Motor Direct Coupling
The simplified belt routing enables observation from behind.

Detachable Round Body and Screw Casing
Maintenance from the other side is possible. Easy to clean husk outlet.

New Motor Layout
Makes tensioning simple and easy.
PADDY HUSKER

Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Component (Husker &amp; Aspirator)</th>
<th>Input Capacity (t/h)</th>
<th>Required Power (kW)</th>
</tr>
</thead>
<tbody>
<tr>
<td>HR10FT-T</td>
<td>HU10FT-T+HA10W-T</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Short Grain Rice</td>
<td>6.0 – 8.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Medium Grain Rice</td>
<td>5.0 – 6.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Long Grain Rice</td>
<td>5.0 – 6.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Basmati (Non-Parboiled)</td>
<td>2.5 – 3.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Basmati (Parboiled)</td>
<td>3.5 – 4.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>HU:7.5+0.052 HA:3.7+0.1</td>
</tr>
</tbody>
</table>

Dimensions

<table>
<thead>
<tr>
<th>Model</th>
<th>W(mm)</th>
<th>L(mm)</th>
<th>H(mm)</th>
<th>Net Weight (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>HR10FT-T</td>
<td>1,550</td>
<td>2,040</td>
<td>2,850</td>
<td>1,190</td>
</tr>
</tbody>
</table>

All Satake products are the subject of continuous development and, as a result, their specification may change and differ in detail from those shown.